

Former Plainwell Impoundment Time-Critical Removal Action Weekly Construction Update

Progress Report #22—October 8, 2007

Work Completed: September 27-October 3, 2007

- Began installing a turbidity curtain at Removal Area 7B.
- Continued removing Staging Area 2S.
- Continued constructing Staging Area 3S.
- Completed excavation of soil and sediment from Removal Area 6B and began excavation activities at Upland Area 6B1.
- Continued loading and transporting solidified non-TSCA material from Upland Area 6B1 to Allied Waste's C&C landfill in Marshall, Michigan.
- Continued surveying and performing sampling and analysis of excavated portions of Removal Area 6B and Upland Area 6B1.
- Completed installation of a 500-gallon-per-minute treatment system at the Plainwell Dam. Began dewatering the Phase 1 Cofferdam area.
- Continued construction of the water control structure. Work included constructing an earthen berm downstream of the structure and installing steel sheeting.
- Began seeding and placing erosion control mats at Removal Areas 2B, 3B, and 4B.
- Completed the placement of topsoil in Removal Area 6B.
- Continued turbidity monitoring of the Kalamazoo River to support removal activities.

Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities				
Date	Estimated Quantity TSCA-material (cubic yards)	Number of Truck Loads TSCA-material	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	0	0	805	23
Total to Date	2,345	67	14,980	428

** All values are unofficial, estimated quantities, subject to revision/verification.

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US EPA RECORDS CENTER REGION 5



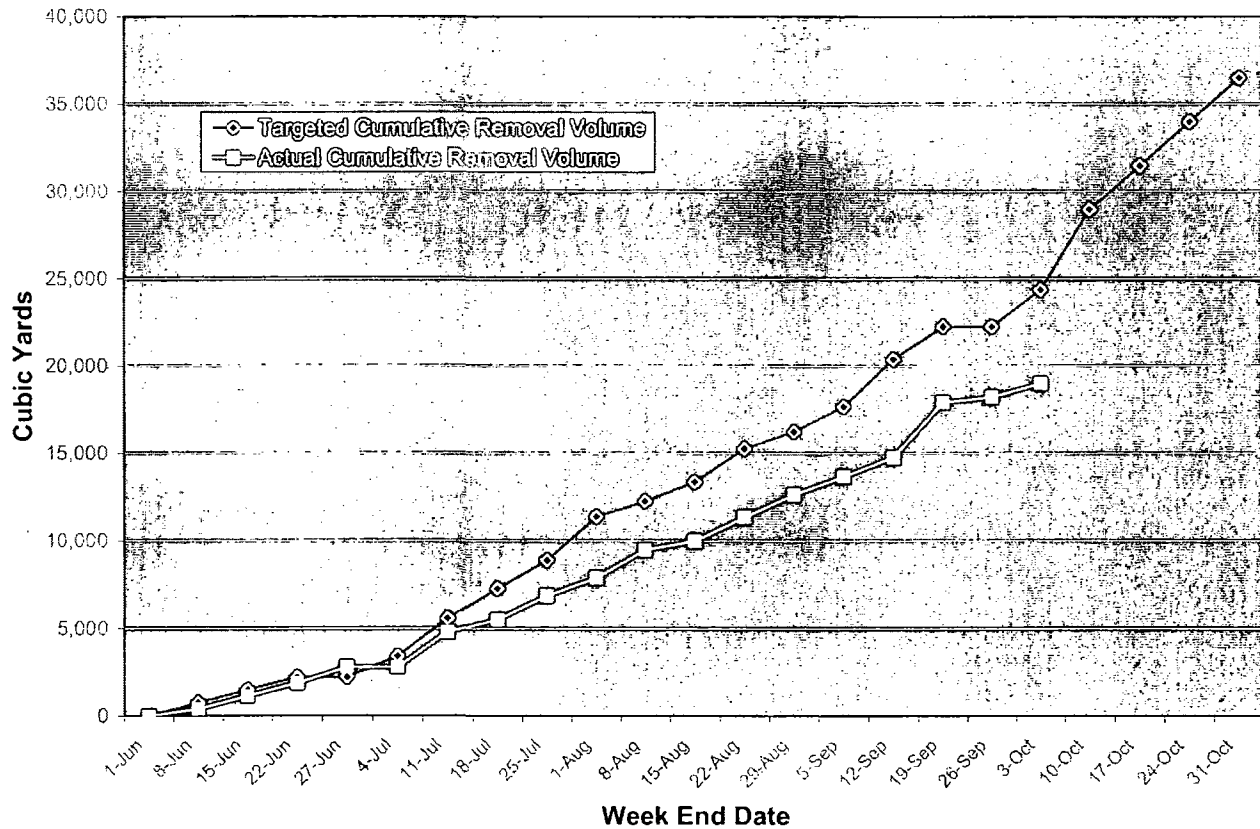
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Work Planned: October 4-October 10, 2007

- Complete installation of turbidity curtain at Removal Area 7B.
- Complete removal of Staging Area 2S.
- Complete construction of Staging Area 3S.
- Continue excavating soil and sediment at Upland Area 6B1.
- Begin excavation of soil and sediment from the Phase 1 Cofferdam area.
- Continue loading and transporting solidified non-TSCA material from Upland Area 6B1 and Staging Area 3S to Allied Waste's C&C landfill in Marshall, Michigan.
- Continue surveying and performing sampling and analysis of excavated portions of Upland Area 6B1.
- Continue constructing the water control structure. Work will consist primarily of installing steel sheeting and H piles.
- Complete seeding and placement of erosion control mats at Removal Areas 2B, 3B, 4B and 6B.
- Continue turbidity monitoring of the Kalamazoo River to support removal activities.

Removal Progress

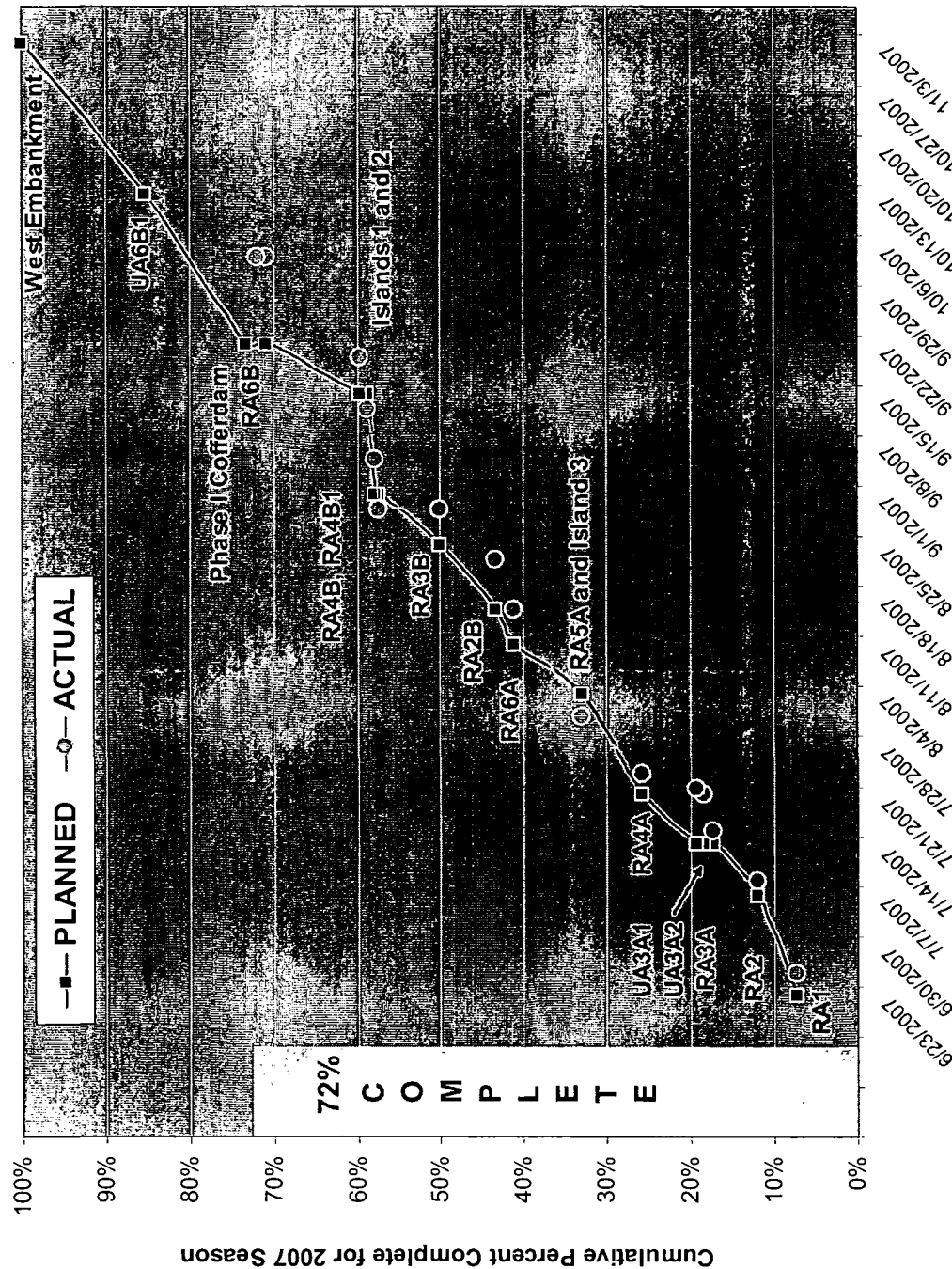
Notes



Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed are below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBLES 4/30/07 Plainwell TCRA Construction Schedule.

Removal Progress



Health & Safety Update

- Two Loss Prevention Observations (LPOs) were completed this week.
A total of 64 LPOs have been completed for the project to date.

Weather Summary

- Heavy rain and wet conditions limited construction activities and landfill accessibility on October 1 and 3, 2007.

Environmental Monitoring and Construction Quality Assurance Testing

Resuspension/Turbidity Monitoring:

Testing Performed this Week? No ☐ Yes ☒
Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Dewatering System Discharge Monitoring:

Discharge Flow:
Testing Performed this Week? No ☒ Yes ☐
Exceedances? N/A ☒ No ☐ Yes ☐ If yes, explain:

Excavation Verification Sampling:

Testing Performed this Week? No ☐ Yes ☒ in Removal Area(s): 6B
Cleanup Standard Achieved? N/A ☐ Yes ☒ No ☐ If no, explain:

Issues Encountered/Solutions Advanced

- Subsurface rock and concrete at the Plainwell Dam has affected the installation of steel sheeting for the water control structure. Pre-trenching of the water control structure alignment has been necessary to reduce the impact of subsurface obstructions to steel sheeting installation.

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Equipment on Site

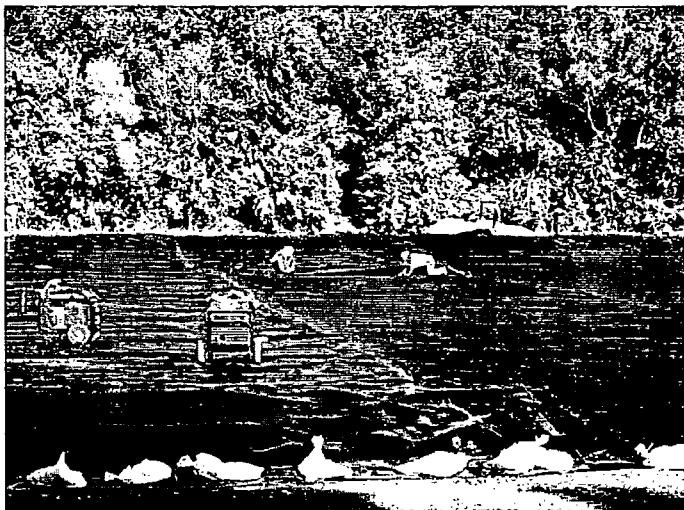
Equipment	9/27/07	9/28/07	9/29/07	9/30/07	10/1/07	10/2/07	10/3/07
Komatsu PC-300 Excavator	2	2	2	2	2	2	2
Komatsu PC-300 HD Long Reach	1	1	1	1	1	1	1
Komatsu PC-200 Excavator	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	2	2	2	2	2	2	2
John Deere JD-450 Dozer	1	1	1	1	1	1	1
John Deere JD-700 Dozer	1	1	1	1	1	1	1
Komatsu D37 Dozer	1	1	1	1	1	1	1
Komatsu D61 Dozer	1	1	1	1	1	1	1
Vermeer Chipper	1	1	1	1	1	1	1
Komatsu D65 Dozer	1	1	1	1	1	1	1
Volvo P-180 Loader	1	1	1	1	1	1	1
Komatsu 380 loader	1	1	1	1	1	1	1
CAT 328 Loader (King)	1	1	1	1	1	1	1
Burcyus Cable 40-ton Crane (King)	1	1	1	1	1	1	1
American 80-ton Crane (King)	1	1	1	1	1	1	1
2,000 Gallon Water Truck	1	1	1	1	1	1	1
Komatsu 400 Articulating Dump Truck	2	2	2	2	2	2	2

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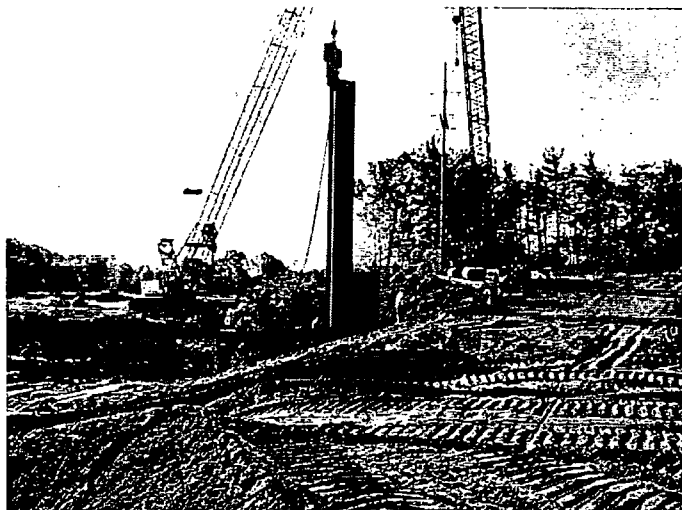
Personnel, Regulatory Staff, and Visitors on Site

Individual/Affiliation	9/27/07	9/28/07	9/29/07	9/30/07	10/1/07	10/2/07	10/3/07
Terra Contracting Staff	20	20	4		20	20	20
Sam Borries/USEPA OSC							
Mike Ribordy/USEPA OSC							
Paul Bucholtz/MDEQ	X				X		
John Bradley/MDEQ	X						
John Lerg/MDNR	X						
Weston Contractors	1	1				1	1
Drew Santini/CDM	X					X	
Chase Fortenberry/KRSG							X
Rick Difiore/ARCADIS BBLES							
Dave Montanari/ARCADIS BBLES							
Steve Garbaciak/ARCADIS BBL							
Doug Cowin/ARCADIS BBL							
Adam Chwalibog/ARCADIS BBL	X	X	X		X	X	X
Eric Hritsuk/ARCADIS BBL							X
Rich Price/ARCADIS BBLES					X	X	X
Matt Bowman/ARCADIS BBLES							
EJ Suardini/ARCADIS BBLES	X	X			X	X	X
Mike Kohagen/ARCADIS BBLES	X	X	X		X	X	X
Ben Lawrence/ARCADIS BBLES	X	X					
Mark Otto/ARCADIS BBLES					X	X	X
Michelle Rumler/ARCADIS BBL	X	X			X	X	X
Joe Willoughby/ARCADIS BBLES	X	X			X	X	X
Nick Harmer/ARCADIS BBL	X	X			X	X	X
<i>Other Subcontractors (Specify)</i>							
JFNew							5
American Environmental (Geosynthetics)	10						
King Construction (WCS/cofferdam)	4	4	4		4	4	4

Photos from Week #22



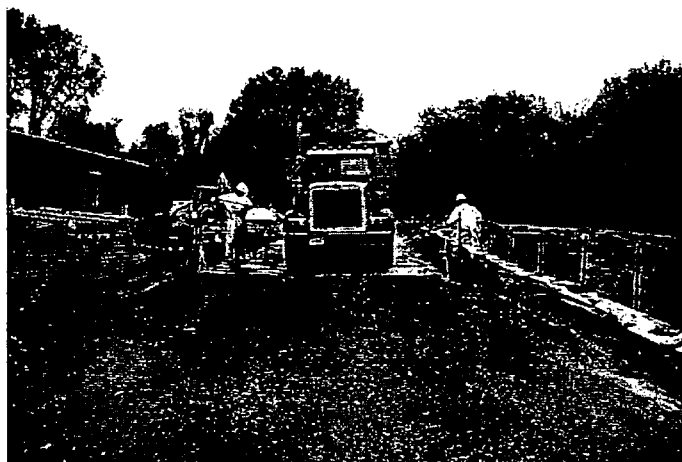
Installation of geosynthetic material at Staging Area 3S.



Installation of steel sheeting for construction of the water control structure.

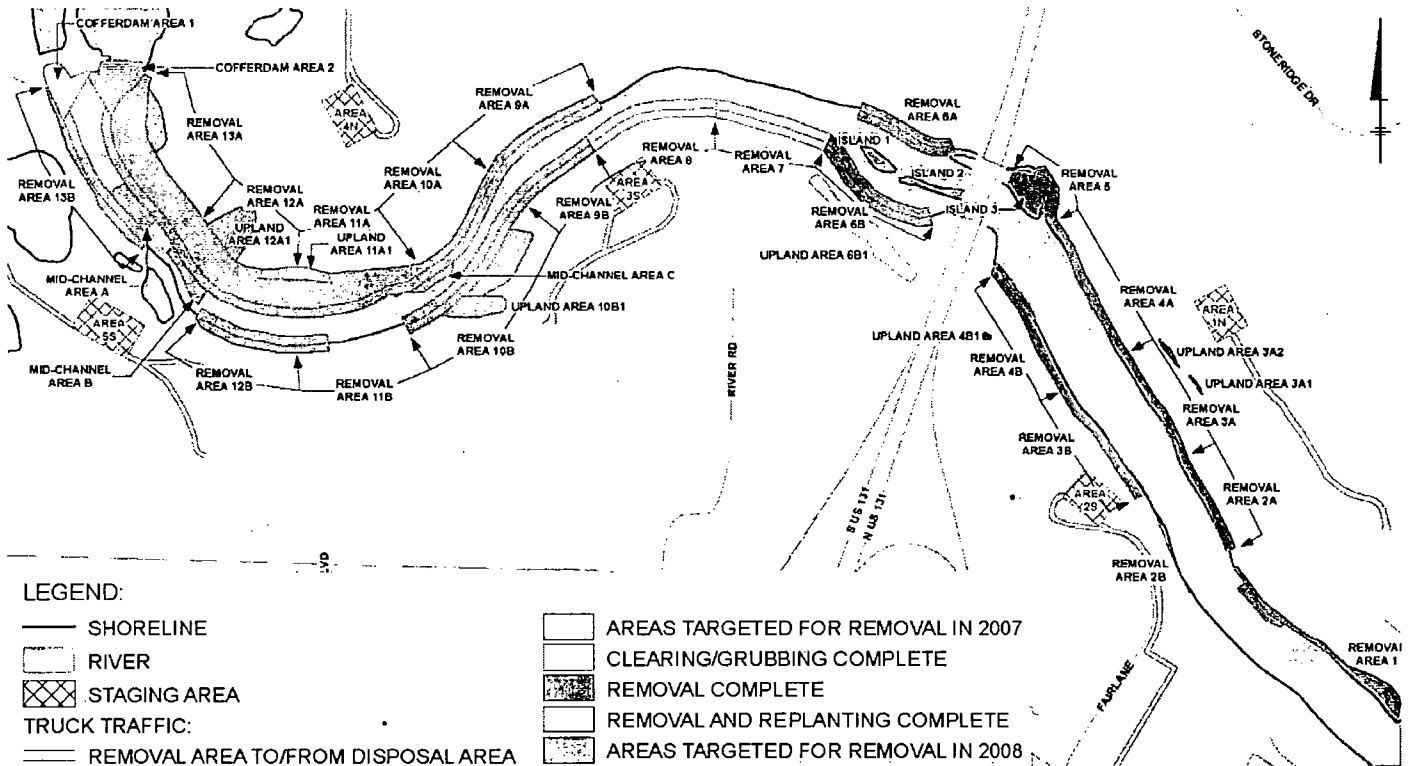


Heavy equipment excavating and hauling soil and sediment at Removal Area 6B.



Tractor trailer tires being washed prior to leaving the staging area.

Targeted Removal Areas—Former Plainwell Impoundment



All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.